

ABSTRACT

Image display screen and method for controlling said screen

The invention relates to an image display screen including:

- light emitters (4, 6, 8) arranged as rows of light emitters and columns of light emitters,
- control means (2, 10, 20, 30, 40, 42, 44, 46, 48, 50) to control the emissions of the light emitters, including:
 - a plurality of modulation transistors (14, 24, 34), each associated with one light emitter of the array, the said modulation transistors being positioned next to each other, along a guiding line,
 - a plurality of compensating transistors (48) intended to compensate for the threshold trigger voltage of the modulation transistors.

A single compensating transistor (48) is connected to all the modulation transistors (14, 24, 34) of a column and is intended to compensate for the threshold trigger voltages of all the said modulation transistors (14, 24, 34) of this column. This compensating transistor (48) is formed in the extension of the said modulation transistors (14, 24, 34) of a column along the same guiding line.

The invention also relates to a method for driving this screen.

Figure 1.